

State of the MediaWiki

Tech stuff 2008-2009

Brion Vibber

Alexandria, Egypt - July 2008

What we do

- 10,000,000,000 page views per month
- 50,000 HTTP objects/second at peak
- Hardware budget to date: \$1.5 million
- Bandwidth costs: \$25 k / month
- Physical hosting: \$10 k / month
- Tech department staff: 4 paid, 3 volunteer

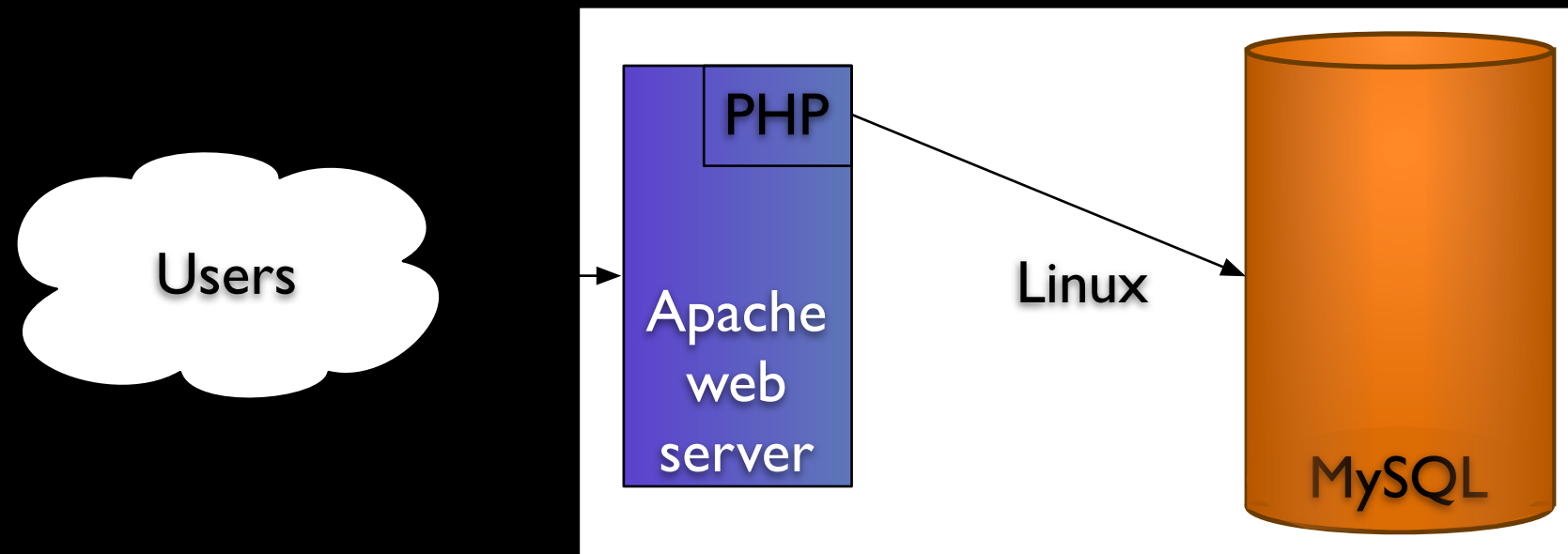
What we use

- Commodity x86_64 servers
- Linux (Ubuntu with customized packages)
- RAM, disk customized for different usages
- Standard extended open source software stack

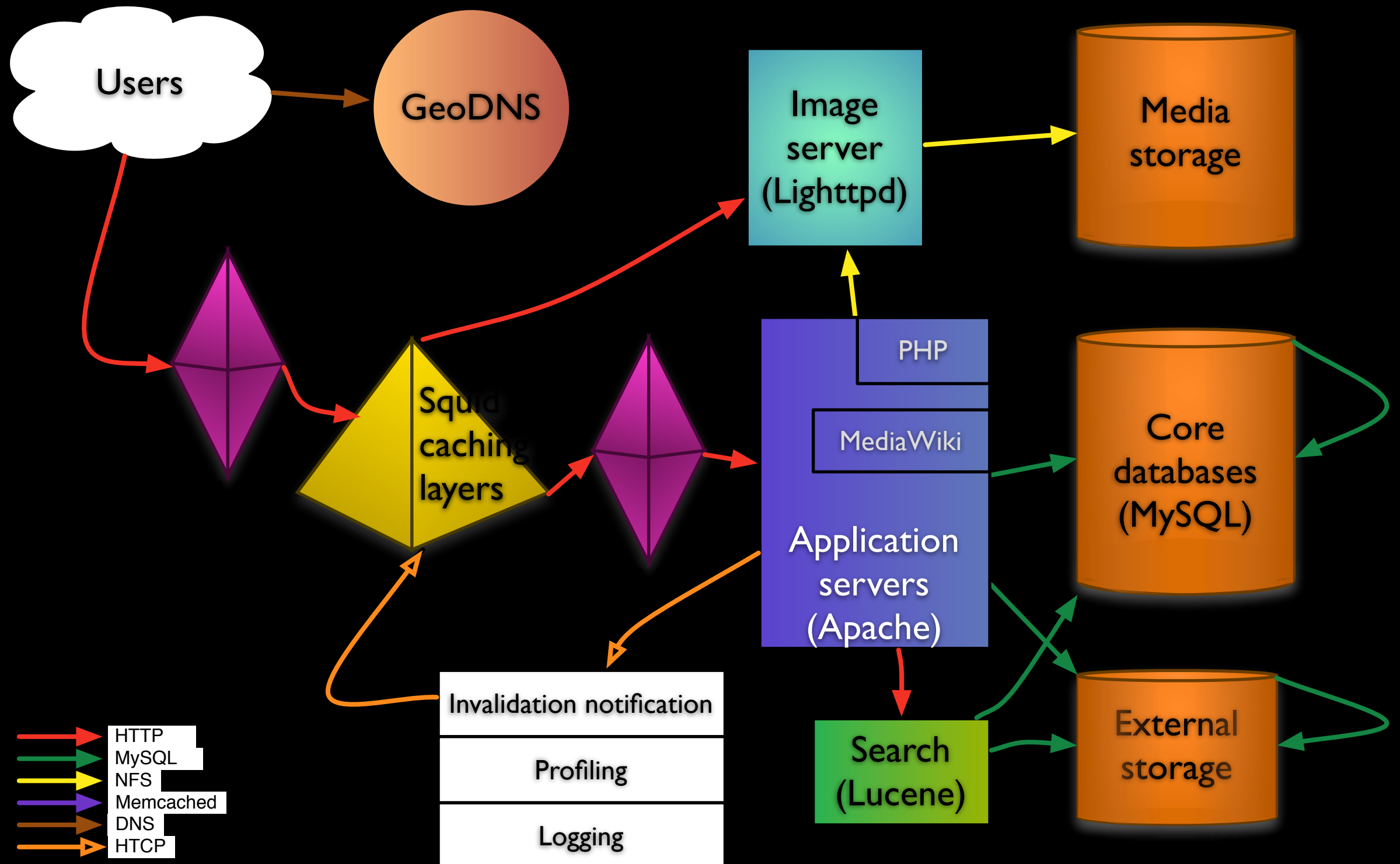
MediaWiki basic goals

- Allow open, collaborative editing of a large encyclopedia
- Also be easy to setup for smaller installations

Architecture: LAMP...

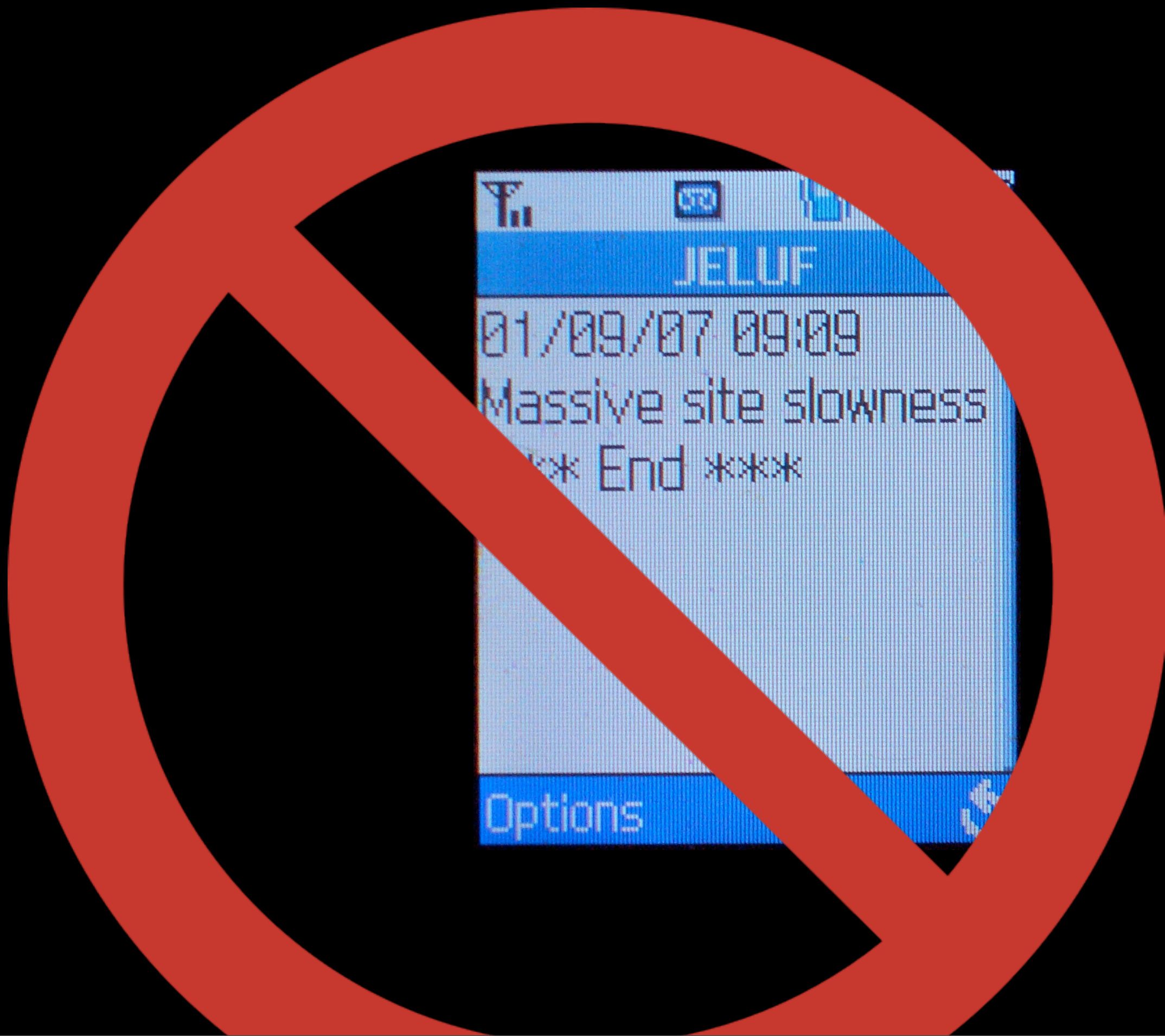


...on steroids.



So what's done?

Or mostly done



JELUF
01/09/07 09:09
Massive site slowness
*** End ***
Options

Login unification complete!

You can now log in to any Wikimedia wiki site without creating a new account; the same username and password will work on Wikipedia, Wiktionary, Wikibooks, and their sister projects in all languages.

[Read more about unified login...](#)

The account named "Brion VIBBER" on each the following sites have been automatically attached to the unified account:

- aa.wikipedia.org
- ab.wikipedia.org
- af.wikipedia.org
- af.wikibooks.org
- af.wiktionary.org

[History](#)[Delete](#)[Move](#)[Protect](#)[Sighted article](#)[\(+/-\)](#)

This is the latest [sighted](#) revision ([list all](#)),
[approved](#) on *2008-05-09*.

aus [Fetten](#) aufzubauen und diese als
gelingt es Sämlingen, über den
le, d.h. hoch-[ungesättigte](#) Fette) in alle für
Biopolymere ([Zucker](#), [Proteine](#))
organismen ist dieser Zyklus in spezialisierte
lokalisiert

ungsfrage "*kann man Zucker aus Fetten*
des Betrachters (formelmäßige Umsetzung
ab:

Carrier 5:28 PM

Wikipedia



http://en.mobile.wikipedia.org/t...



Giza pyramid complex

[\[Contents\]](#)



The **Giza Necropolis** stands on the Giza Plateau, on the outskirts of [\[Cairo\]](#) , [\[Egypt\]](#) . This complex of ancient monuments is located some 8 km (5 [\[mi\]](#)) inland into the desert from the old town of [\[Giza\]](#) on the [\[Nile\]](#) , some 25 km (15 mi) southwest of Cairo city centre. The Great [\[pyramid\]](#) is the only remaining monument of the [\[Seven Wonders\]](#)



What not to
expect next
year



WYSIWIG

but maybe better template & table tools

Peer-to-Peer Wikipedia

nevar!

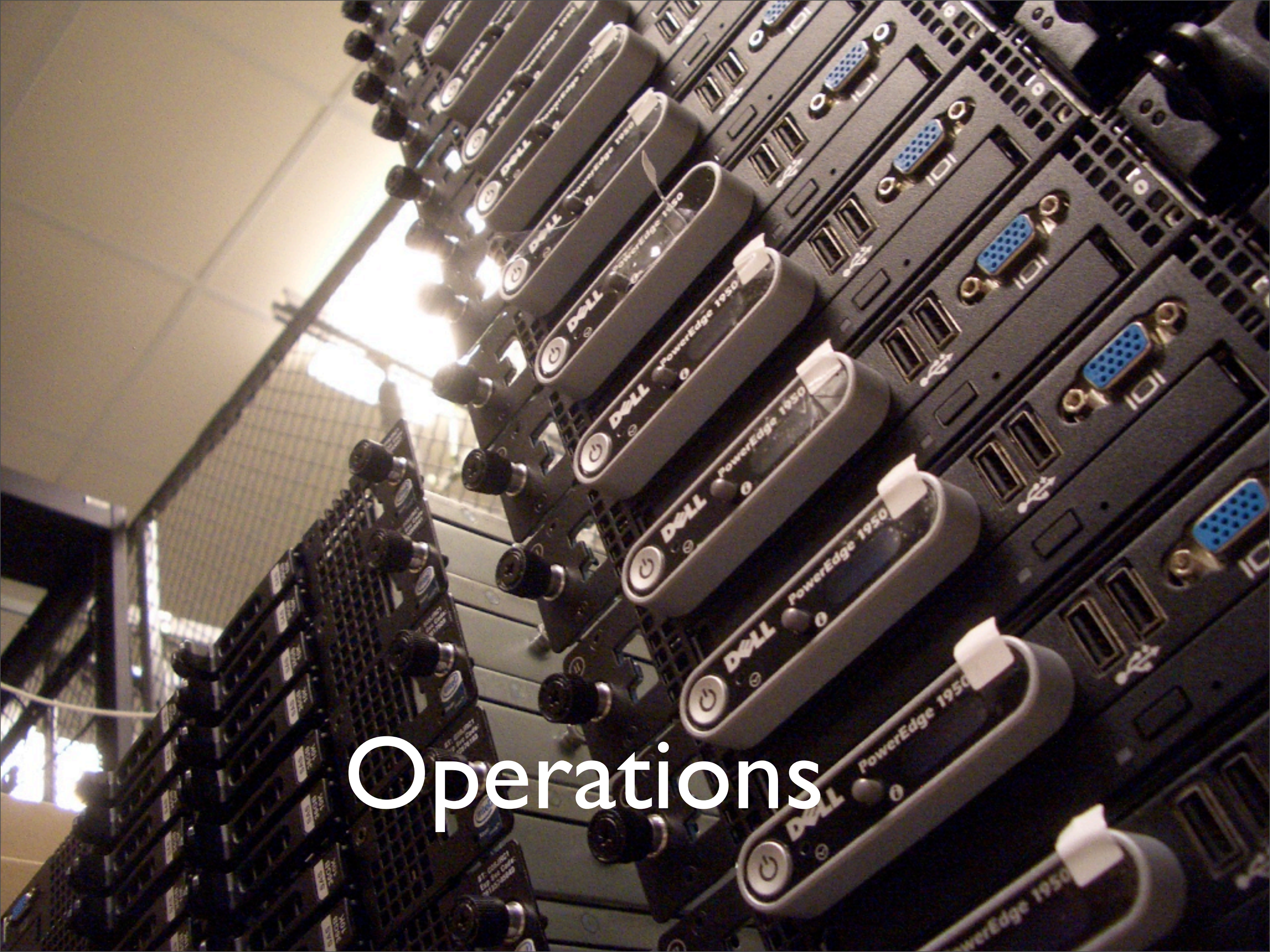
What's in the pipe?

Tech staff





Operations



Data center updates & expansions





Dumps & backup capacity

Software?

Coming soon...

Delete/undelete revisions

Selected revisions of [Fuzzy](#):

- [12:32, 1 March 2006 WikiSysop \(effff\)](#)

Deleted revisions will still appear in the page history, but their text contents will be inaccessible.

Other admins on this wiki will still be able to access the hidden content and can undelete it again through this same interface, unless an additional restriction is placed by the site operators.

Set revision restrictions:

- ☒ Hide revision text
- ☐ Hide editor's username/IP
- ☐ Hide edit comment
- ☐ Apply these restrictions to sysops as well as others

Log comment:

Globally block an IP address


You can use this page to block an IP address on all wikis.

Block a user globally

IP Address:

Reason for this block:


Block expiry:

Other expiry time 

Other time:

☐ Block anonymous users only

Block this user



site

- Main page
- Browse categories
- Community portal
- Recent changes

download

- MediaWiki
- Extensions

search

Go Search

support

- User help
- Technical manual
- FAQ
- Support desk

development

- Bug tracker
- Browse SVN
- Download from SVN

Extension:AbuseFilter – MediaWiki


Log in / create account

extensiondiscussionedithistory

Extension:AbuseFilter

Manual on MediaWiki Extensions

List of MediaWiki Extensions



AbuseFilter

Release status: unknown

Description	Allows specific behaviour-based restrictions to be placed on wiki activity.
Author(s)	Andrew Garrett (Werdna ^{Talk})
License	No license specified
Download	SVN (download)

Contents [\[hide\]](#)

1 Installation

2 Format of rules

- 2.1 Single Conditions
 - 2.1.1 Modifiers
 - 2.1.2 Operators
- 2.2 Groups of conditions

3 Throttle Groupings

Installation [\[edit\]](#)

REQUIRES Extension:AntiSpooF

- 1) In your extentions folder, make a new subfolder called AbuseFilter.
- 2) Download the files into the newly made folder.
- 3) Add `require_once('extensions/AbuseFilter/AbuseFilter.php');` to your localsettings.php file

Format of rules [\[edit\]](#)

A rule may be a single condition, or a group.

Single Conditions [\[edit\]](#)

[modifier] variable operator parameter



Collection

Release status: beta

Implementation	Special page
Description	<p>This extension makes it possible to collect a number of pages. Collections can be edited, persisted and optionally retrieved as PDF (adding ODF and XML in the near future).</p>

[extension](#)[discussion](#)[edit](#)[history](#)

Extension:CommentPages

This is a quickly written extension to support comment pages in the same fashion as on [Wikinews](#), but using a MediaWiki hook rather than JavaScript. Hopefully this can replace the JavaScript version somewhere down the road (see [bug 11586](#)).

Source

Source is available [here](#) on SVN.

You can check out with the following command:

<http://svn.wikimedia.org/svnroot/mediawiki/trunk/extensions/CommentPages>

This is GPL, by the way.

[Manual on MediaWiki Extensions](#)

[List of MediaWiki Extensions](#)



CommentPages

Release status: experimental

User interface

Comment Page

Related hooks and

Functions

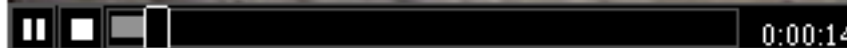
Zachary Mauri

([Zachary](#) ^{Talk})

GNU GPL

WIKINews

Ongoing work...



[More...](#)

[Apollo_15_landing_on_the_Moon.ogg](#) (Ogg multiplexed a



This is Video (Ogg Theora)

There have been no changes to this discussion for at least 14 days. If it is concluded, you may want to [write a summary](#).

Hi Erik & David,

I see that that summary feature is now filtering through for threads that are older than 14 days.

COOL feature.

In cases where there are only one or two posts in a thread - a simple phrase is all that would be needed for the summary. Where there is only a single post or comment in a thread - it may make sense to move the relevant posts into the archive.

How do you archive a thread?

Cheers Wayne

[Mackiwg](#) ([Talk](#) | [contribs](#)) 11:08, 27 November 2007 [View source](#) [History](#) [Permalink](#) [Reply](#)

Ok have tried to write two summaries on this page - Nice to have a summary on top of the thread:

A few observations and possible bugs:

- After writing and saving a summary - a "summary" tab appears on the page - somewhat confusing because the user is on the relevant summary page.
- Its difficult to navigate back to the discussion page or corresponding article.
- In cases of single posts or "closed" discussions - it would be rather nice to be able to archive the thread, not sure how we are supposed to archive threads <smile>.

Always fun testing new technology.

[Mackiwg](#) ([Talk](#) | [contribs](#)) 11:08, 27 November 2007 [View source](#) [History](#) [Permalink](#) [Reply](#)

Don't mind me, just testing LiquidThreads. Question: What determines the color of a user's signature?

[Imperialles](#) ([Talk](#) | [contribs](#)) [Edited](#) 06:13, 27 October 2007 [View source](#) [History](#) [Permalink](#) [Reply](#)

When a talkpage is shown, colors are assigned to users in the order that they are encountered. But once a color has been used for a certain user, that user gets the same color throughout the talkpage. But they may get a different color on another talkpage.

[DavidMcCabe](#) ([Talk](#) | [contribs](#)) 06:13, 27 October 2007 [View source](#) [History](#) [Permalink](#) [Reply](#)

To get started...

Usability

Workflow

Reliability



Upload file

Below is the main upload form. For a simpler interface and more specific instructions, use [Wikipedia Upload Wizard](#).

1. **The vast majority of images found on the internet are not suitable for use on Wikipedia** – make sure the image is acceptable for Wikipedia before uploading it and if in doubt, [ask](#). Is the image [free content](#)? If not, does it meet the requirements at [Wikipedia:Non-free content criteria](#)?
2. Select a descriptive filename for your image. For example, "cat.jpg" is bad, while "Mongolian street cat.jpg" is good.
3. Provide some basic information on the image. Where did it come from? Who created it and when? If it's a non-free image, why does it meet the non-free content criteria?
4. Provide copyright information for the image, either from the dropdown menu or from the lists at [Wikipedia:Media copyright tags](#). If you can't find anything appropriate, please ask at [Wikipedia:Media copyright questions](#) before uploading.
5. Click "Upload file". After uploading, add the image to the article using [Wikipedia:Uploading images#Adding images to an article](#).

Note: For questions or comments about the various upload forms please visit [Wikipedia:Media_upload](https://en.wikipedia.org/wiki/Wikipedia:Media_upload)

Source

filename:

Maximum file size: 20 MB

[illegible]

Destination

filename:

Summary

(author, source, URL, fair use rationale if applicable, extra `{{tags}}`, etc.):

- [Main Page](#)
- [Contents](#)
- [Featured content](#)
- [Current events](#)
- [Random article](#)

Go Search

- [About Wikipedia](#)
- [Community portal](#)
- [Recent changes](#)
- [Contact Wikipedia](#)
- [Donate to Wikipedia](#)
- [Help](#)

- Upload file
- Special pages
- Show cookies

Administrator instructions

From Wikipedia, the free encyclopedia

[Today's AfD log](#)



- For [problems that do not require deletion](#), including duplicate articles, articles needing improvement, pages needing redirects, or POV problems, [be bold](#) and fix the problem or [tag the article](#) appropriately.
- If an article is a copyright violation, please list it at [Wikipedia:Copyright problems](#).
- Some articles may qualify for speedy deletion; please refer to the [speedy deletion criteria and process](#).
- For non-controversial deletions, please refer to the [proposed deletion process](#).
- For a potentially controversial merger, consider listing it at [proposed mergers](#).

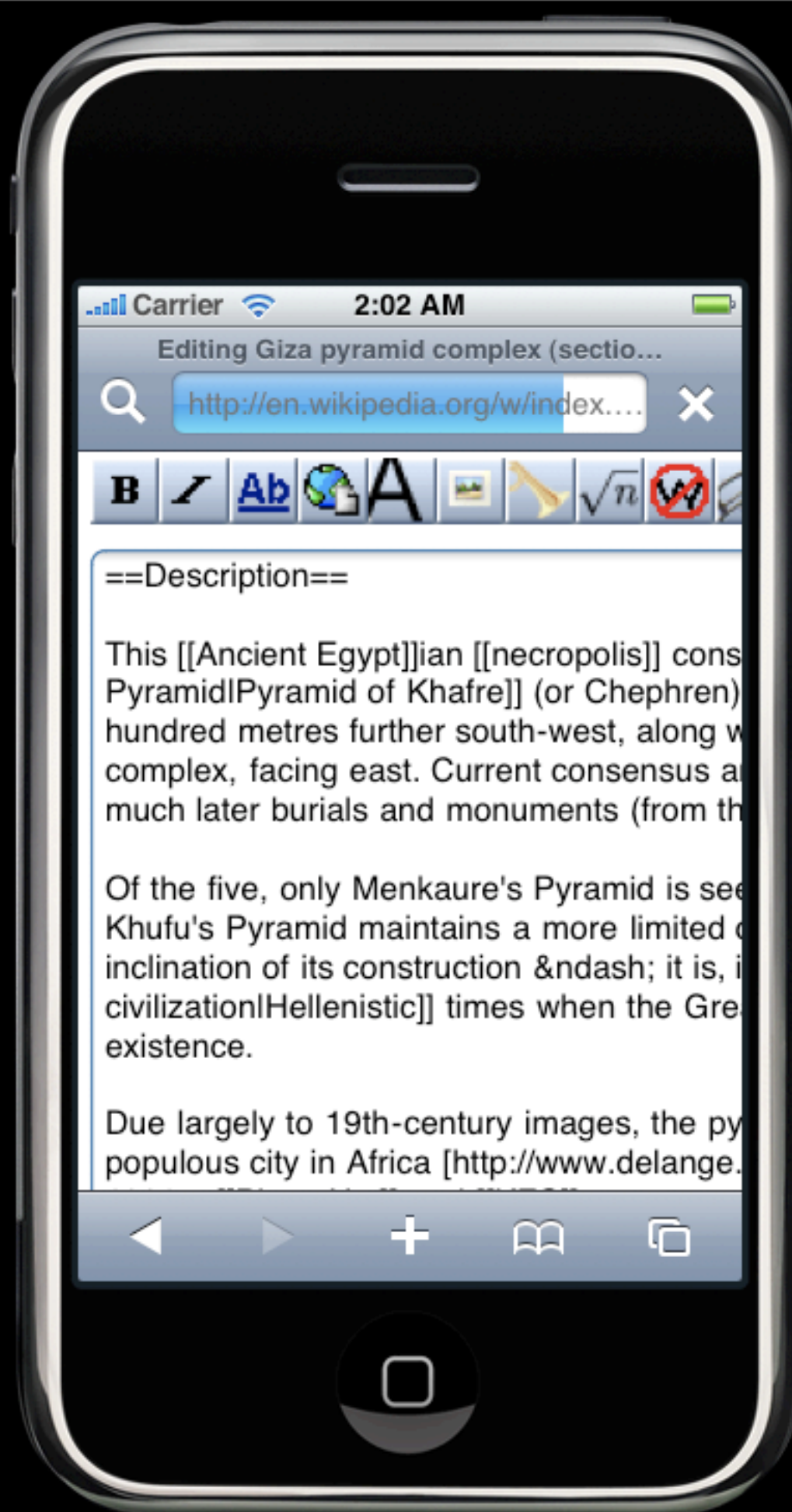
[Purge the cache to refresh this page](#)

Articles for deletion (AfD) is where [Wikipedians](#) discuss whether an article should be deleted. Articles listed here are debated for up to five days, after which the [deletion process](#) proceeds based on Wikipedia community [consensus](#). The page is then either kept, [merged](#) and/or [redirected](#), [transwikied](#) (copied to another [Wikimedia](#) project),

Shortcut:

WP:AFD

Deletion discussions



...and many more!

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